

Rationale and Development of the Move More North Carolina: Recommended Standards for After-School Physical Activity

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Abstract

Purpose: To describe the rationale and procedure employed in developing the Move More Carolina: Recommended Standards for After-School Physical Activity released state-wide i Background:

- In NC, approximately 152,000 children (< 18yrs) are served in after-school programs. Children served are at highest risk for physical inactivity (e.g. racial/ethnic minorities, important in the served are at highest risk for physical inactivity (e.g. racial/ethnic minorities, important in the served are at highest risk for physical inactivity (e.g. racial/ethnic minorities, important in the served are at highest risk for physical inactivity (e.g. racial/ethnic minorities, important inactivity) areas)
- The Standards were developed by the Move More After-School Collaborative; a partnersh of after-school providers, public health personnel, and scientists.
- Standards can facilitate: 1) programs providing enjoyable, safe and age appropriate PA; involvement, community partnership and increase access to resources for PA. Methods:
- based on current research and expert opinion.
- •informed by: On-line surveys, Focus Groups, literature review, Consensus Panel, and Exte review and, and the Move More After-School Collaborative.
- •recommended best practices can be applied in any program type. and are included for the categories: Time/Intensity, Qualified Staff/Training, Curriculum, Program Size, Facilities, E and Evaluation.

Conclusion: The development of *The Standards* can serve as a model for the collaborative development of similar standards in other states.

Met

Timeline included formation of an inter-organizational collaborative and a multiphase needs assessment:

The Move More After-School Collaborative

In the summer of 2007, a meeting of multidisciplinary stake holders was convened to address the topic of PA in afterschool settings. This group would eventually become the Move More After-School Collaborative (MMAC). Partners represented groups with interest in child health and/or after-school programs, such as after-school service providers, education advocates, health professionals, and researchers (See Table 1). MMAC determined that PA standards were warranted and agreed that after-school programs offer opportunities for increasing PA for many children.

Multi-phase Needs Assessment

Phase 1: Survey. A survey (N=222) was conduced of after-school service providers to identify barriers and supports for providing PA. Barriers commonly cited were: 1) homework time, 2) staffing (training and numbers), 3) equipment and/or supplies, and 4) location/facility constraints. Resources most commonly cited included: 1) equipment and/or supplies, 2) programming ideas and 3) staff training.

Phase 2: Literature Review. A systematic review was conducted to synthesize scientific literature regarding PA in after-school programs. Results were compiled into an annotated bibliography.

Phase 3: Focus Groups. Three focus groups were held with service providers. Findings indicated that: (1) barriers to PA in after-school programs are known, common across types of programs and easily identified; (2) there is a need to determine what constitutes quality PA in this setting; and (3) staff need to understand how to provide PA in different types of spaces and need to learn about community resources.

Following phases 1-3, a proposed set of standards was drafted consisting of seven program components (Figure 1).

Expert Opinion

Phase 4: Consensus Panel. A consensus panel was convened to review the draft standards and discuss implementation. The 29-member panel represented various after-school programs, coalitions and networks as well as public schools, public health, recreation and parks and parent volunteer organizations. Panel members felt The Standards needed to be flexible, taking into account the various types and settings of programs. The Standards were edited based on the feedback.

<u>Phase 5. Expert Review</u>. Nineteen professionals, external to the development process, reviewed *The Standards*. Reviewers were chosen based on their role and expertise related to physical activity promotion and/or after-school programs.

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	Introduction
ore North e in April 2009. poverished	•North Carolina has a movement called, "Eat Smart, Move More North Carolina" to make it easier for North Carolinians to eat healthy and be physically active.
ship of officials ; 2) family xternal expert	 As part of legislation, standards have been developed and recommended for schools for both nutritional offerings and PA for children through twelfth grade.
ne following Equipment, tive	 Until 2009 there were no existing PA recommendations or guidelines for the after- school setting.
thod	

137th American Public Health Association Annual Meeting & Exposition - Philadelphia, PA

Jimmy Newkirk, BS Physical Activity & Nutrition Branch Division of Public Health North Carolina Department of Health and Human Services

Lori Schneider, MA, CHES **Physical Activity & Nutrition Branch Division of Public Health North Carolina Department of** Health and Human Services

Initial Adoption of The Standards

- •Each MMAC partner has joint ownership and commitment for implementing The Standards.
- Partners are now aligning efforts to support statewide implement

•Examples of early adoption by partners are listed below:

- The 21st Century Community Learning Centers, an academically-foc school provider, partnered with ECU to create After-School Energize activities (10 minutes) adapted from tools developed for classroom u
- •The NC Division of Public Health included *The Standards* in the Eat Move More Community Grants program, a competitive funding opport health departments.
- The NC CAP Afterschool Funders Group, a group of state and federa after-school programs is including The Standards in their Afterschool Work Group Standards Manual.
- •The 4-H, Boys & Girls Clubs and 21st Century Community Learning have all included The Standards in staff trainings and annual meetir
- The NC Center for After-School Programs and NC AfterSchool Coali including PA-specific training sessions in their annual conferences.

Table 1. Move More After-School Collab **Organizational Members**

- 4-H Youth Development, North Carolina State University
- East Carolina University, Brody School of Medicine
- North Carolina AfterSchool Coalition
- North Carolina Alliance of Boys & Girls Clubs
- North Carolina Center for Afterschool Programs
- North Carolina Department of Juvenile Justice & Delinquency Prevention
- North Carolina Department of Public Instruction Support Services Section
- North Carolina Department of Public Instruction Healthy Schools Section
- North Carolina Department of Health and Human Services, Division of Public Health, Physical Activity & Nutrition Branch, Children & Youth Branch
- North Carolina Department of Health and Human Services, Division of Social Services, Temporary Assistance for Needy Families
- North Carolina Health and Wellness Trust Fund
- North Carolina Parent & Teacher Association
- North Carolina Recreation & Park Association
- WakeMed Corporate and Community Health
- YMCA's of North Carolina



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5	Fig	ure 1.Th	e Sta	ndards	
entation.	Recommended for minutes or more daily Total total activity through sport, exercise, correction or other movement activity. In a sport/recreation/physical activity-focused programs that focus on promoting attributes to the recommended go minutes or other movement activity. In a sport/recreation/physical activity-focused programs that focus on promoting physical activity through sport, exercise, correction or other movement activity. In a sport/recreation/physical activity-focused program, provide In a sport/recreation/physical activity-focused program, provide Widerate " and "vigorous" refer to intensity, or how hard the activity is performed. Solerate physical activity for children and adolescents, this intensity of activity makes them breathe heavier than normal. Examples of moderate activity include riding a bike or bis walking.				
ers, short use. t Smart, ortunity for	Qualified Staff/Training <i>Qualified staff are</i> <i>confident in their</i> <i>ability to promote</i> <i>physical activity and</i> <i>are supported by</i> <i>ongoing training and</i> <i>development.</i>	After-school programs: • have staff that are First Aid/CPR certified • provide 16 hours of annual in- service training, including: —new staff orientation —training in health/activity —training in behavior management	An normal. Examples of vigo Curriculum Physical activity is a planned and intentional component of the after-school program.	rous activity include jumping rope or running. Physical activity is: • integrated with enrichment/ academic/recreation content • goal-driven • planned • sequentially designed and delivered • safe, inclusive and developmentally appropriate • success-oriented	
ral funders of ol Funders	Program Size Staff should be able to engage all the participants in the activity.	 1:15 staff/participant ratio for physical activity time 	Facilities Indoor and outdoor environments are safe.	 Safety considerations include: space for children and adolescents to safely move without bumping into each other appropriate temperature sufficient lighting activity space void of hazards access to drinking water 	
g Centers ngs. lition are	Equipment is safe, age- and developmentally appropriate.	Equipment is: • sufficient to engage all participants • meets all required safety standards • age- and developmentally appropriate	Evaluation Results are measured.	 Measure at least one aspect of the program. Measures can include: is physical activity offered as planned? do participants and staff transition easily from one activity to another? are staff comfortable leading, offering, encouraging physical activity? are participants more physically active during the time they are in the after-school program? 	
orotivo		Conclu	usion	S	
In Conclusion, <i>The Standards:</i>					
	 Represent the collective work of a diverse collaborative. 				
	 Offer evidence-based best practices and recommendations. Have the potential to increase physical activity among thousands of NC youth. Require further evaluation to evaluate impact. 				
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Acknowledgements

This work was supported by the Centers for **Disease Control and Prevention [K01-**DP001126 to JBM]. This work is solely the responsibility of the authors and does not necessarily represent the official views of the Centers for Disease Control and Prevention.